

In the Claims:

Please cancel claim 46.

Please amend claims 1, 11, 18, 29-31, 35-38 and 47 to read as follows:

1. (Amended) A jet-injector device comprising a) a housing, b) a pressure chamber for a liquid to be ejected attached to or enclosed in the housing, the pressure chamber having at least one opening and at least one movable or collapsible wall or wall segment, c) a pressurizing mechanism attached to or enclosed in the housing operable to apply, directly or indirectly, force in a force chain between the housing and the wall to pressurize the pressure chamber content for ejection of a liquid jet through said opening, the mechanism comprising at least a force generator and optionally a transmission between the force generator and the wall, and an in-elastic element serially arranged between the force generator and the wall.

11. (Amended) The device of claim 1, wherein the element has a minimum stroke length, when measured at the wall, of at least 1 mm.

18. (Amended) The device of claim 1, wherein the element has a force ratio of less than 100%.

29. (Amended) The device of claim 28, wherein the element is arranged to provide an initial counter-force.

30. (Amended) The device of claim 29, wherein the element is arranged not to yield substantially below forces corresponding to at least 10% of the maximum force value in the initial peak.

31. (Amended) The device of claim 29, wherein the element is arranged to yield below the maximum peak value.

35. (Amended) The device of claim 29, wherein the counterforce comprises a resistance force of the in-elastic element, disregarding any elastic element component, the resistance force being above 10% of the maximum peak force and below 90% of the maximum peak force.

36. (Amended) The device of claim 1, wherein the element is arranged to provide a resistance force of the in-elastic element, disregarding any elastic element component, the resistance force being above 10% and below 90% of the momentary force transmitted in the force chain.

37. (Amended) The device according to claim 1, adapted to prevent aspiration pressures in the pressure chamber.

38. (Amended) A method for generation of a high speed liquid jet, the method comprising the step of pressurizing liquid in a pressure chamber having at least one opening for the liquid jet and having at least one movable or collapsible wall or wall segment, by applying a pressure force on the wall, the method further comprising the steps of i) applying a primary force, directly or indirectly, on one part of an in-elastic element, ii) applying the pressurizing force by another part of the element, to thereby press the element between the primary force and the pressurizing force, and iii) dissipating energy in the element.

47. (Amended) The method according to claim 38, wherein aspiration pressures in the pressure chamber are prevented.

Please add the following claims 49-62:

--49. (NEW) The device of claim 1, wherein the element has a minimum stroke length, when measured at the wall, of at least 2 mm.--

--50. (NEW) The device of claim 1, wherein the element has a minimum stroke length, when measured at the wall, of at least 3 mm.--

--51. (NEW) The device of claim 1, wherein the element has a force ratio of less than 90%.--

--52. (NEW) The device of claim 1, wherein the element has a force ratio of less than 75%.--

--53. (NEW) The device of claim 1, wherein the element has a force ratio of less than 50%.--

--54. (NEW) The device of claim 1, wherein the element has a force ratio of less than 25%.--

--55. (NEW) The device of claim 29, wherein the element is arranged not to yield substantially below forces corresponding to at least 20% of the maximum force value in the initial peak.--

--56. (NEW) The device of claim 29, wherein the element is arranged not to yield substantially below forces corresponding to at least 30% of the maximum force value in the initial peak.--

--57. (NEW) The device of claim 29, wherein the element is arranged to yield below 90% of the maximum peak value.--

--58. (NEW) The device of claim 29, wherein the element is arranged to yield below 80% of the maximum peak value.--

--59. (NEW) The device of claim 29, wherein the counterforce comprises a resistance force of the in-elastic element, disregarding any elastic element component, the resistance force being above 20% of the maximum peak force and below 80% of the maximum peak force.--

--60. (NEW) The device of claim 29, wherein the counterforce comprises a resistance force of the in-elastic element, disregarding any elastic element component, the resistance force being above 30% of the maximum peak force and below 60% of the maximum peak force.--

--61. (NEW) The device of claim 1, wherein the element is arranged to provide a resistance force of the element, disregarding any elastic element component, the resistance force being above 20% and below 80% of the momentary force transmitted in the force chain.--

--62. (NEW) The device of claim 1, wherein the element is arranged to provide a resistance force of the element, disregarding any elastic element component, the resistance force being above 30% and below 60% of the momentary force transmitted in the force chain.--